

## Cumulative contents of Volume 75

### Volume 75, No. 1, May 1999

#### Papers

- E. Öztop, A.Y. Mülayim, V. Atalay and F. Yarman-Vural  
Repulsive attractive network for baseline extraction on document images ..... 1
- A. Dapena and L. Castedo  
Stochastic gradient adaptive algorithms for blind source separation ..... 11
- J.S. Paul, M.R. Reddy and V.J. Kumar  
A cepstral transformation technique for dissociation of wide QRS-type ECG signals using DCT ..... 29
- D. Mattera  
Identification of polyperiodic Volterra systems by means of input–output noisy measurements ..... 41
- R. Moddemeijer  
A statistic to estimate the variance of the histogram-based mutual information estimator based on dependent pairs of observations ..... 51
- L. Li, L. Xie, W.-Y. Yan and Y.C. Soh  
Frequency weighted optimal order reduction of digital filters ..... 65
- G. Kotler, V. Kontorovich, V. Lyandres and S. Primak  
On the Markov model of shot noise ..... 79

#### Fast communications

- S. Baek, M. Bae and K.-M. Sung  
A fast vector quantization encoding algorithm using multiple projection axes ..... 89
- P. Duvaut and D. Declercq  
Statistical properties of the pseudo-Wigner–Ville representation of normal random processes ..... 93

### Volume 75, No. 2, June 1999

#### Papers

- M. Ghogho and B. Garel  
Maximum likelihood estimation of amplitude-modulated time series ..... 99
- N. Charkani and Y. Deville  
Self-adaptive separation of convolutively mixed signals with a recursive structure. Part II: Theoretical extensions and application to synthetic and real signals ..... 117
- Z. Tan, Y.C. Soh and L. Xie  
 $H_2$  optimal envelope-constrained FIR filter design: An LMI approach ..... 141
- I.Y. Soon, S.N. Koh and C.K. Yeo  
Improved noise suppression filter using self-adaptive estimator of probability of speech absence ..... 151
- F. Gini, A. Farina and F. Lombardini  
Effects of foliage on the formation of K-distributed SAR imagery ..... 161

I.E. Pratikakis, H. Sahli and J. Cornelis	
Low level image partitioning guided by the gradient watershed hierarchy .....	173
D.N. Swingler	
Approximations to the Cramer–Rao lower bound for a single damped exponential signal .....	197

### Volume 75, No. 3, June 1999

#### Papers

I. Cohen, S. Raz and D. Malah	
Translation-invariant denoising using the minimum description length criterion .....	201
C.-C. Tseng and S.-C. Pei	
Design of an equiripple FIR notch filter using a multiple exchange algorithm.....	225
M. Khalil and J. Duchêne	
Detection and classification of multiple events in piecewise stationary signals: Comparison between autoregressive and multiscale approaches .....	239
V. Almenar and A. Albiol	
A new adaptive scheme for ECG enhancement.....	253
W. Li, J.C.H. Poon and W.C. Siu	
Recovery of single source signal from noisy and reverberant environments using second-order statistics.....	265
H.D. Cheng, Y.-H. Chen and Y. Sun	
A novel fuzzy entropy approach to image enhancement and thresholding .....	277
B. Pesquet-Popescu	
Statistical properties of the wavelet decomposition of certain non-Gaussian self-similar processes .....	303
<b>Author index of Volume 75</b> .....	323
<b>Cumulative contents of Volume 75</b> .....	325

